Home Automation

Security Protection Devices T 1

Regulation and Measuring T 4

RC Power Sockets and Protection T 5

Powerline Network Components T 13

Home PC Accessories T 16

Weather Stations T 17

Label Makers T 22

Lamps and Lights T 23

"EURO" Products T 24

Thermo Printers T 24

Home Automation

Home automation refers to anything that gives you control over the various technologies or 'sub-systems' found in your home; from the simple - security, lighting, heating, ventilation and air conditioning - to the slightly more advanced home theatre, motorised curtains and blinds, reticulation systems and wireless PC networks.

Our home automation products:

- detectors (PIR, smoke, gas), alarms, sirens, ligthouses
- wireless bells
- weather stations, clock
- thermostats
- remote control sockets
- overvoltage protections
- timers
- power meters

PIR Detectors

PIR 34302

PIR detector with night-fall sensor and timer.
Switches on/off lights and lamps up to 1000W (neon light max. 300W).
Ideal as a lighting switch in corridors, stairways, cellars etc.
Mounting on a side wall
Detecting Distance: up to 12m
Detecting Angle: 180°
On-state: selectable 10s - 5min.
Power Supply: 230Vac/50Hz
Protection: IP44

180 ° detecting angle

	Part No.	Ord.No.
S	PIR 34302	67881

PIR 34304

PIR detector with night-fall sensor and timer
Switches on/off lights and lamps up to 1000W (neon light max. 300W)
Ideal as a lighting switch in corridors, stairways, cellars etc.
Mounting on a side wall
Detecting Distance: up to 12m
Detecting Angle: 240°
On-state: adjustable 10s - 5min
Power Supply: 230Vac/50Hz
Protection: IP44
Dimensions: 150x80x60mm

240 ° angled

	Part No.	Ord.No.
S	PIR 34304	67883

PIR 34308

PIR detector with night-fall sensor and timer
Switches on/off lights and lamps up to 1000W (neon light max. 300W)
Ideal as a lighting switch in corridors, stairways, cellars etc.
Mounting on a ceiling
Detecting Distance: up to 5m
Detection Angle: 360°
On-state: adjustable 10s - 5min.
Power Supply: 230Vac/50Hz
Protection Class: IP44
Dimensions: 110x20mm

360 ° detecting angle

	Part No.	Ord.No.
S	PIR 34308	67884

PIR detector IS-215T CE

Honeywell

90° wide angle

Passive Infrared Motion Sensor
The IS215T Motion Sensor offers quality detection in an attractive white housing. The IS215T is fully featured, flexible and simple to install for basic security applications.
Features
Ultra Low current design - 50% reduction in max current consumption.
Silent Relay
Tamper Proof Design, alarm relay cannot be compromised with a magnet.
Installer Friendly Settings
Improved EMI Immunity (Surface Mount Design reduces false activations due to RF interference)
Look-down Zones (Honeywell patented look-down mirror provides for optimum detection pattern directly beneath the sensor)
Mounting Flexibility
Sabotage-resistant Lens Design
Selectable Sensitivity - sensitivity can be adjusted to match installation requirements.
Applications
Designed for residential and light commercial applications.

Detection Distance: 12 m x 12 m
Power Supply: 10V–14Vss/max.16mA (LED on)
Protection Class: IP44
Dimensions/Weight: 86x60x38mm/67g

	Part No.	Ord.No.
S	IS-215T CE	69502

Smoke Detectors

A smoke detector is a device that detects smoke. Commercial, industrial, and mass residential devices issue a signal to a fire alarm system, while household detectors, known as smoke alarms, generally issue a local audible and/or visual alarm from the detector itself. Smoke detectors are typically housed in a disk-shaped plastic enclosure about 100 millimetres in diameter and 30 millimetres thick, but the shape can vary by manufacturer or product line. Most smoke detectors work either by optical detection (photoelectric) or by physical process (ionization), while others use both detection methods to increase sensitivity to smoke.

Smoke detector 34260

- photoelectric sensor
- sound alarm
- ideal for places up to 50m³
- low power consumption
- test function
- 9V battery

smoke

Coverage: up to 50m³
Power Supply: 9V / 6F22 battery (alkaline or lithium battery recommended) not included in delivery
Average Battery Life: 12 months (with alkaline battery)
Alarm Sound Level: 85dB
Suitable for: general indoor use
Operating Temperature / Humidity Range: 0-40°C / max. 85%
Dimensions: 100x30mm

	Part No.	Ord.No.
S	CH 34260	67886

Fire detector 34250

- Fire detector monitors the ambient thermal condition in the place where it is placed
- triggers an alarm signal when either the actual temperature in the area being monitored exceeds over 60°C
- ideal for kitchens, attics, garages etc.
- 9V battery
- built in low battery detection
- test function

heat

Coverage: up to 50m³
Power supply: 9V / 6F22 battery included in delivery
Average battery life: 12 months with alkaline battery
Alarm Sound Level: 85dB
Suitable for: general indoor use
Operating temp. and humidity range: 0-50°C / max. 85%
Dimensions: 115x40mm

	Part No.	Ord.No.
S	CH 34250	67889

S - in-stock product O - on order product. Prices are quoted in EUR excluding VAT and transport costs.

Gas Detectors

A gas detector is a device which detects the presence of various gases within an area, usually as part of a system to warn about gases which might be harmful to humans or animals. Gas detectors can be used to detect combustible, toxic, and oxygen and CO2 gases. This device may be used in firefighting.

Gas Detector 34142

CO

- detects concentration of CO in the area being monitored
- optical and acoustic indication of 3 levels of CO concentration
- is designed for detection CO particles from fossil fuel burning
- not designed for smoke, fire or other gases detection
- mounting on a side wall up to 50cm high

Coverage: up to 50m³
Power Supply: 9V battery (included in delivery)
Alarm Sound Level: 85dB
Suitable for: general indoor use
Op.Temp. Range: 0-50°C
Dimensions: 100x30mm

	Part No.	Ord.No.
S	CH 34142	67891

Gas Detector 34145

methane

- natural gas (methane) detector
- optical and acoustic indication of gas concentration over determined value
- ideal for gas detection for boilers, heating devices, stoves and other gas devices
- mounting on a side wall - 30cm under the ceiling

Coverage: up to 50m³
Power Supply: by adapter 230VAC/50Hz
Alarm Sound Level: 85dB
Suitable for: general indoor use
Op.Temp. Range: 0-50°C
Dimensions: 100x30mm

	Part No.	Ord.No.
S	CH 34145	67892

Gas Detector 34155

LPG

- LPG (bottled-gas) detector
- optical and acoustic indication of LPG concentration over determined value
- ideal for gas detection for boilers, controllers, stoves and other gas devices
- mounting on a side wall - very close to the floor (LPG is heavier than air)

Coverage: up to 50m³
Power Supply: by adapter 230VAC/50Hz
Alarm Sound Level: 85dB
Suitable for: general indoor use
Op. Temperature range: 0-50°C
Dimensions: 100x30mm

	Part No.	Ord.No.
S	CH 34155	67890

Glass Break Detector 34061

- designed for acoustic alarming glass break attempt
- ideal for all windows, French-door, glass-rooms, etc
- both-side adhesive tape mounting

Power supply: 2x alkaline battery LR44 (included in delivery)
Alarm Sound Level: 90dB
Suitable for: general indoor use
Op. Temperature Range: 0-50°C
Dimensions: 57x57x20mm

	Part No.	Ord.No.
S	CH 34061	67897

Alarms

At the moment electronic alarm systems are available at good prices for almost everyone. There are many possibilities and solutions. We offer alarm systems designed for anpretentious applications of protecting different areas, homes, garages, boutiques etc. Easy to use, simple mounting and affordable price are the advantages of these alarms.
Following wireless devices can be connected to all central alarm systems: solar siren CH34640, PIR CH34630, magnetic sensor CH34620, window detector CH34625, additional remote control CH34610, Tx modul CH34645, wireless keybord CH34605 wire devices as well, e.g. wire siren CH34670 and other.

Alarm Compact RF 34550

1x central unit (3 zones) with in-built numeric keybord, alarm (60 or 110dB option, acoustic signal length - adjustable up to 20 mins) and PIR detector (90° up to 8m)
2x external wire-less magnetic sensors powered by A23 12V batteries (included in delivery), range up to 25m / 434MHz
1x remote control with A23 12V battery (included in delivery), range up to 25m / 434MHz
The central unit is powered by external 9V/300mA adapter and backed up by 6 x 1,2V AA rechargeable batteries (not included in delivery). The central unit and the sensors as well, do have a tamper function and a low battery indication. Arrival/departure time is settable within 10-99 sec.

	Part No.	Ord.No.
S	CH 34550	67894

Alarm Appartment RF 34750

- only one wire-less magnetic sensor in a base package
- external wireless PIR detector (180° up to 12m)
- 4 working zones (when running only selected detectors is needed)
- back up by 8 x 1,2V AA rechargeable batteries (not included in delivery)

	Part No.	Ord.No.
O	CH 34750	67896

Alarm Home RF 34760

- 2 external wireless detectors (180° up to 12m)
- 6 working zones (when running only selected detectors is needed)
- rechargeable batteries back-up (included in delivery)
- built-in telephone caller (6 different calls)
- possibility of starting/switching-off the system via telephone

	Part No.	Ord.No.
O	CH 34760	67895

Alarm GSM RF 34770

- 2 external wireless detectors (180° up to 12m)
- 6 working zones (when running only selected detectors is needed)
- accumulator back-up (included in delivery)
- built-in GSM pager

	Part No.	Ord.No.
O	CH 34770	67893

Alarm Sirens and Beacons

Alarm Siren 34670

- audio-visual wire siren
- Suitable for outdoor use
- UV resistant
- low current consumption
- easy instalation to central unit
- no adapter needed

	Part No.	Ord.No.
s	CH 34670	67899

RUL12V Beacon Serie

RUL 12V RD

RUL 12V BU

RUL 12V OG

Serie of beacons with magnet and car CL plug
Red, blue or orange rotating flashing lights are available.
Features:
Power Supply: 12VDC
Cable Length: 2,5m
Bulb: 21W
Dimensions: Diameter125mm/heigth 130mm

Part No.	Description
RUL 12V RD	Beacon 12V D125xV130mm plug into car lighter, red
RUL 12V BU	Beacon 12V D125xV130mm plug into car lighter, blue
RUL 12V OG	Beacon 12V D125xV130mm plug into car lighter, orange

	Part No.	Ord.No.
s	RUL 12V RD	47955
s	RUL 12V BU	47512
s	RUL 12V OG	53007

Doorbells

Bells are usually used to call people in different situations: stuff in shops, at receptions, in households, call help for sick and elderly people etc.
Connection between button and receiver is realized via 433,92 MHz radio code signal. Signal coverage is measured in a free space.

GONG 6898-83 Q

Signal Range: 30m
Power Supply: 3x AA battery (not included in delivery)
Receiver Dimensions: 110x110x30mm
Transmitter Dimensions: 85x42x14mm

	Part No.	Ord.No.
s	GONG 6898-83 Q	47514

GONG 6898-84 R

Signal Range: 30m
Power Supply: 2x AA battery (not included in delivery)
Suitable for: general indoor use
Receiver Dimensions: 120x30mm
Transmitter Dimensions: 70x40x15mm

	Part No.	Ord.No.
s	GONG 6898-84 R	47513

GONG 6898-80A

Signal Range: up to 30m
Receiver Power Supply: 230V/ 50Hz
Transmitter Power Supply: 1x 12V A23 battery (not included in delivery)
Suitable for: general indoor use
Receiver Dimensions: 120x65x35mm
Transmitter Dimensions: 85x40x18mm

	Part No.	Ord.No.
s	GONG 6898-80A	48780

GONG 6898-80B

Signal Range: up to 30m
Ringing: 2 sound levels: loud, silent -LED indication (10sec. flashes)
Receiver Power Supply: 230V/50Hz
Transmitter Power Supply: 1x 12V A23 battery (included in delivery)
Suitable for: general indoor use
Receiver Dimensions: 120x65x35mm
Transmitter Dimensions: 85x40x18mm

	Part No.	Ord.No.
s	GONG 6898-80B	48255

CH 84156 Design

30m range

12 tunes

Signal Range: up to 30m
Number of Tunes:12
Receiver Power Supply: 3x 1,5V C battery (not in delivery), external adapter available 12V 300mA
Transmitter Power Supply: 1x 12V A23 battery (included)
Suitable for: general indoor use, (IP44)
Receiver Dimensions: 165x120x50mm
Transmitter Dimensions: 83x37x20mm

	Part No.	Ord.No.
s	CH 84156	67901

DOOR BELL CH 84162 230Vac

up to 80m range

Signal Range: up to 80m
Number of Tunes: 32
Sound Levels: 3
Receiver Power Supply: 230Vac
Transmitter Power Supply: 1x 12V A23 battery (in delivery)
Suitable for: general indoor use, (IP44)
Receiver Dimensions: 115x58x30mm
Transmitter Dimensions: 87x34x15mm

	Part No.	Ord.No.
s	CH 84162	67902

s - in-stock product o - on order product. Prices are quoted in EUR excluding VAT and transport costs.

DOOR BELL 84155

Signal Range: up to =80m
Number of Tunes: 2
Receiver Power Supply: 3x 1,5V AA
Transmitter Power Supply: 1x 12V A23
Suitable for: general indoor use
Receiver Dimensions: 120x85x35mm
Transmitter Dimensions: 87x34x15mm

	Part No.	Ord.No.
S	DOOR BELL 84155	67903

DOOR BELL CH 84175

up to 80m range

32 Melodies

Wireless door-bell with recording option
Signal Range: up to 80m
Number of Melodies: 32/10s record
Receiver Power Supply: 3x 1,5V AA battery (not in delivery)
Transmitter Power Supply: 1x 12V A23 (in delivery)
Suitable for: general indoor use, (IP44)
Receiver Dimensions: 120x110x35mm
Transmitter Dimensions: 87x34x15mm

	Part No.	Ord.No.
S	Door-bell 84175	67904

DOOR BELL CH 84176 with MP3/20s

MP3

up to 100m range

software

Wireless door-bell with MP3 playback
Signal Range: up to 100m
Number of Melodies: 7 / 20s MP3 melody - USB 4MB
Sound Levels: 4
Receiver Power Supply: 4x1,5V C battery (not in delivery)
Transmitter Power Supply: 2x 1,5V AAA battery (not in delivery)
Suitable for: general indoor use, (IP44)
Receiver Dimensions: 130x95x35mm
Transmitter Dimensions: 95x33x20mm

	Part No.	Ord.No.
S	CH 84176	67906

DOOR BELL CH 84169

up to 200m

Signal Range: up to 200m
Number of Melodies: 27
Sound Levels: 4
Receiver Power Supply: 4x1,5V C battery (not in delivery)
Transmitter Power Supply: 2x1,5V AAA battery (not in delivery)
Suitable for: general indoor use, (IP44)
Receiver Dimensions: 128x95x35mm
Transmitter Dimensions: 85x30x20mm

	Part No.	Ord.No.
S	CH 84169	67905

Thermostats

Analog Thermostat 54302

- Easy to install
- Adjustable temperature: 5 to 30°C
- Setback function for energy saving during nights (temperature reduction of set value: 5°C/for 6hours)
- Power supply: 230VAC
- Switch relay max. 230VAC 7A(inductive load 3A)
- Operating temperature: 0-40°C
- Dimensions: 90x60x30mm
- Weight: 0,111kg

	Part No.	Ord.No.
S	CH 54302	67878

Digital Thermostat 54311

- LCD display - real time and days of the week
- Easy temp. setup 7-30°C/0,5°C
- Simplified programming
- 6 control profiles, 3 programing
- Frost protection
- Manual temperature setup
- Heating/cooling function available
- Low battery indication
- 2 alkaline batteries AA (not included in delivery)
- Switching relay: 230VAC 5A, inductive load 3A
- Operating temperature: 0-40°C
- Dimensions: 100x116x25,5
- Weight: 220g

	Part No.	Ord.No.
S	CH 54311	67877

RONDOSTAT HR20

The Rondostat is an electronic radiator controller. The radiator valve is actuated via a battery powered motor. In operating mode, the Rondostat alternates between a comfort temperature and an economy temperature according to an adjustable timer program with 28 set points per week (4 individual set points per day). The factory preset of the timer program is:
6:00 – 22:00 h = 21°C and 22:00 to 6:00 h = 16°C.
The set points for comfort and economy temperature as well as the time periods are freely adjustable. A hand wheel allows a manual temperature adjustment. Turning the hand wheel clockwise the temperature range is:
Off, 8 °C...28 °C, On.
The open window function closes the valve if the temperature drops by 1.5 °C within 3 min. Normal operation is resumed after
a) turning the hand wheel,
b) rise of the room temperature or
c) after 45 minutes.
Self monitoring functions: Protection against lime scale and frost. A warning is issued if the batteries get flat. Automatic switch to and from daylight saving time.

Features:
- timer function allows different heating pe riods
- easy handling via 3 buttons and rotary socket
- manual and automatic mode
- dimensions: 160x95mm
- connecting adapter: M30x1,5mm
- regulation range: 8 to 28°C (adjustable in 0,5°C steps)
- battery types: 2x1,5V LR6 AA AM3 with 2 heating seasons battery lifetime

	Part No.	Ord.No.
S	Rondostat HR20	71881

Power Measuring

Power Meter PM 54355

- Measures power consumption
- Total power consumption calculation (in kWh) / total costs calculation in EUR)
- Device Data: power (W)/voltage (V)/current (A)
- Overload indication (buzzer)
- Displays operating duration of the device
- Back-up 2xLR44 (30days)
- Max. 3500W
- Dimensions: 123x63x35mm

	Part No.	Ord.No.
S	PM 54355	67876

Power Meter PM 54352 "S"

- Measures power consumption
- Total power consumption calculation (in kWh)
- Total costs calculation in EUR)
- Device data: power (W)/voltage (V)/current (A)
- Overload indication (buzzer)
- Displays operating duration of the device
- back-up
- 2x LR44 batteries (30days)
- Max. 3500W
- Dimensions: 123x63x35mm

DE socket

	Part No.	Ord.No.
S	PM 54352 Schuko	69710

Electric Power Meter PM 230

- Controls and measures power consumption
- Displays time & day of the week
- Actual current consumption shown in (A)
- Power consumption display in (W) (cos Ø) index
- Total energy consumption recorded during measuring time displayed in kWh
- Power Factor PF
- True power in (cos Ø)
- Displays metered periods in hours & minutes
- Voltage and frequency display in volts and hertz
- Total cost of energy function
- Cost of electricity in KWh (kilowatt hours)
- 2x LR44 batteries
- Max. 3680W
- Dimensions: 125x65x35mm

	Part No.	Ord.No.
S	PM 230	63657

RC Power Sockets

Wireless (433MHz) devices for simplyfied handling and different light sources energy savings: lamps, halogen bulbs or switch on/off various devices.
How does it work?
Key fob, remote control, wall switch or PIR sensor as a transmitter controls receiver e.g. socket, switch modul, or E27 socket. The operating range between receiver and transmitter is up to 25m.

Transmitters

Power Switch RF 54501

- Wireless switch mounted on walls
- 25m operating distance
- On/off and additional dimmer function
- 12V battery is included in delivery
- Dimensions: 77x77x15mm

	Part No.	Ord.No.
S	RF 54501	70703

Power Switch RF 54502

- Double wireless power switch
- Mounting on walls
- 25m operating distance
- On/off and additional dimmer function
- 12V battery included in delivery
- Dimensions: 77x77x15mm

	Part No.	Ord.No.
S	RF 54502	70716

Power Switch RF 54503 plus PIR Detector

- PIR detector up to 10m/90° angle
- 25m operating distance
- Indoor/outdoor
- 12V battery included in delivery
- Dimensions: 77x77x15mm

	Part No.	Ord.No.
O	RF 54503	70732

PIR Detector RF 54541

- PIR detector up to 10m distance /110° angle
- 25m operating distance
- Indoor/outdoor usage
- Time and sensitivity setup available

	Part No.	Ord.No.
O	PIR Detector RF 54541	70738

S - in-stock product O - on order product. Prices are quoted in EUR excluding VAT and transport costs.

Magnetic Switch RF 54581

- Wireless magnetic switch
- 25m operating range
- Easy installation
- Frequency: 433,92MHz
- Power: 240V, 50Hz/120V, 60Hz

	Part No.	Ord.No.
O	RF 54581	70737

Remote Control RF 54591

- Wireless remote control/key fob with On/Off function and additional dimmer function
- 25m operating distance
- 256 channels
- Can to control up to 16 switches
- Dimensions: 55x30x12mm
- Frequency: 433,92MHz
- Battery : CR2032 (included)

	Part No.	Ord.No.
S	RF 54591	70736

Remote Control RF 54561 for Modules/Sockets

- Wireless remote control/key fob with On/Off function and additional dimmer function
- 25m operating distance
- 256 channels
- Can to control up to 16 switches
- Power supply: 12V battery, included in delivery
- Dimensions: 110x35x12mm

	Part No.	Ord.No.
S	RF 54561	70733

Digital Remote Control RF 54571

- Wireless remote control
- Programming and additional dimmer function available
- Can up to 16 devices
- Only one device/all conected devices controlling
- LCD display
- Power supply:12V battery, included in delivery
- Dimensions DO: 120x48x18mm

Battery (LCD and memory):
3V CR 2032
Battery (Transmission): 12V A23
Frequency: 433.92MHz
Max 3500W – 220V, 16A (50Hz)

	Part No.	Ord.No.
S	RF 54571	70695

II. Receivers (Switchers and Dimmers)

Receivers were designed to switch various devices and light sources. According to their function they are divided into two groups: switching and switching with dimmer function. According to their mounting into socket and module types.

ON/OFF Modul RF 54555

- Switching module up to 1000W
- Flush box mounting
- Power supply 230 VAC 50Hz
- Dimensions: 52x52x25mm

	Part No.	Ord.No.
S	ON/OFF Modul RF 54555	70700

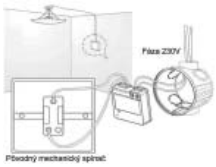
Dimmer Module RF 545

- Wireless dimmer module up to 300W
- Flush box mounting
- Power supply 230 VAC 50Hz
- Dimensions: 52x52x25mm

	Part No.	Ord.No.
S	RF 54556	70702

ON/OFF Modul X RF 54557

- Switching and dimmer module up to 200W
- Flush box mounting
- Dimensions: 43x40x13mm



	Part No.	Ord.No.
S	ON/OFF Modul X RF 54557	70750

Power Socket ON/OFF RF 54585

- Switching socket up to 3500W
- Power supply: 230VAC 50Hz
- Dimensions: 95x50x30mm

	Part No.	Ord.No.
S	RF 54585	70714

Dimmer RF 54586

- Dimmer and switching socket up to 300W
- Power supply 230VAC 50Hz
- Dimensions: 95x50x30mm

	Part No.	Ord.No.	1+	2+	5+
S	RF 54586	70715	18,49	17,73	16,70

RC Power Sockets (continued)

Receiver (Switchers and Dimmers) (continued)

Socket ON/OFF RF 54578

- wireless switching modul/socket up to 100W
- E27 socket, suitable for light bulbs and economy energy saving light bulbs
- dimensions: 60x50mm

	Part No.	Ord.No.
S	RF 54578	70713

Analog Dimmers

Analog Dimmer 54042 up to 300W

- is used to adjust the brightness of standard light bulbs/ 230Vac lamps
- direct manual control in a range of min. and max. light bulb brightness
- max. 300W
- power supply 230Vac, 50Hz
- dimensions: 100x57x35mm

	Part No.	Ord.No
S	CH 54042	67918

Dimmer CH 57205

- is used to adjust the brightness of standard light bulbs and halogen lamps, 230Vac
- mounting directly flush box
- power 50-300W
- dimensions: 77x77x35mm

	Part No.	Ord.No.
S	CH 57205	69709

Sets of RC Power Sockets

Power Switch Set RF 54505

- 1x wall wireless switch and 1x switching module up to 1000W flush box mounting
- switch dimensions: 77x77x15mm
- switching module dimensions: 52x58x25mm

	Part No.	Ord.No.
S	SADA RF 54505	70696

Dimmer Set RF 54506

- wireless switch and switching module up to 300W power, flush box mounting
- power supply 230Vac 50Hz
- switch:2x CR2032 batteries (included in delivery)
- switching module dimensions: 52x58x25mm

dimmer

	Part No.	Ord.No.
S	RF 54506	70698

Power Socket RF 54565

- 1x wireless remote control and 1x switching socket up to 3500W
- possibility to control up to 16 switches via remote control
- RC dimensions: 110x35x12mm
- socket dimensions: 95x50x30mm

	Part No.	Ord.No.
S	SADA RF 54565	70734

Dimmer set RF 54566

- set of wireless remote control and dimming socket up to 3500W
- possibility to control up to 16 switches via remote control
- switch power supply 230Vac 50Hz
- RC dimensions: 110x35x12mm
- socket dimensions: 95x50x30mm

dimming

	Part No.	Ord.No.
S	RF 54566	70735

Please find the whole product range of the RC power sockets on our web site www.soselectronic.com

S - in-stock product O - on order product. Prices are quoted in EUR excluding VAT and transport costs.

Power Socket RF 54575

- set of programming remote control and on/off switch 3500W
- possibility to control up to 16 switches via remote control
- RC dimensions: 120x48x18mm
- switch dimensions: 95x50x30mm

	Part No.	Ord.No.
S	RF 54575	69321

Dimmer Set RF 54508

- wall wireless switch and switching module/socket up to 100W
- module power supply 230Vac 50Hz
- switch: 2x CR2032 battery (included in delivery)
- socket dimensions: 60x50mm
- switch dimensions: 77x77x15mm

dimming

	Part No.	Ord.No.
O	RF 54508	70699

ECO RC Power Sockets Serie

In comparison with standard RC power sockets is ECO Serie budget-priced. The only disadvantage is that they use redefined signal codes between transmitter and receiver. And that is why it is not possible to combine them with standard transmitters/receivers. ECO Serie offers several elementary products only.

Power Socket ECO RF 54645

- compact design
- switching socket
- power supply 230Vac 50Hz
- up to 3500W
- dimensions: 110x60x30mm

	Part No.	Ord.No.
S	RF 54645	70689

Power Socket ECO RF 54653 with Dimmer

- compact design
- dimming and switching power socket up to max. 300W
- power supply 230Vac 50Hz
- dimensions: 110x60x30mm

	Part No.	Ord.No.
S	RF 54653	70692

RC Power Socket ECO RF 54647

- set of switching power socket and remote control up to max. 350W
- socket power supply 230Vac 50Hz
- RC power supply: 12V A23 battery-(is included in delivery)
- socket dimensions: 110x60x30mm
- RC dimensions: 95x45x15mm

	Part No.	Ord.No.
S	RF 54647	69858

Dimmer Set ECO RF 54657

- set of dimming socket up to 300W and remote control
- socket power supply 230Vac 50Hz
- RC power supply: 12V A23 battery-(is included in delivery)
- socket dimensions: 110x60x30mm
- RC dimensions: 95x45x15mm

dimming

	Part No.	Ord.No.
S	RF 54657	70690

Power Socket ECO RF 54655

- set of 3 switching sockets up to 3500W and a remote control
- sockets power supply 230Vac 50Hz
- RC power supply: 12V A23 battery (is included in delivery)
- socket dimensions: 110x60x30mm
- RC dimensions: 95x45x15mm

	Part No.	Ord.No.
S	RF 54655	70691

ECONOMIC Serie

RC Set of 3 Power Sockets RC 54118

ECONOMIC

- the most budget-priced remote controlled set of 3 switching power sockets up to 1500W
- remote control with fixed code (without a possibility to buy more sockets or RC)
- RC power supply: 3V CC2032 bat.
- socket dimensions: 110x30x12mm
- RC dimensions: 90x55x30mm

	Part No.	Ord.No.
S	RC 54118	67919

Overvoltage Protection

Overvoltage Protection Socket Strips

ACAR AXON 504 WF Rack

Filter and protection supply sockets:
- two-pin plug plus protective with finger holder
- 5-way socket with protective pin
- power cable and switch are on the opposite sides which ensures ergonomic use.
- available version with filter and telephone line protection
- mounting bracket for universal mounting in 19" rack
- varistor suppressor
- bipolar switch with indicator
- cable length: 3m

19" rack

Technical Parameters	AXON 504 WF Rack
Operating Voltage	230V
Frequency	50Hz
Rated Load Current	10A
Max. Earth-Leakage Current Imax	6,5kA
Fuses	2x10A/250V
Leakage Current	<0,5mA
Protection	2P+Z
Socket Material	self-extinguishing plastic
Response Time of Surge Arrester	<25ns
UP Protection Level of Suppression Circuit	max.1,3kV
Energy absorption	150J

	Part No.	Ord.No.
S	504 WF Rack	68919

AXON Protector 370

- 7-way sockets: 5 sockets with protective pin, 2 flat sockets
- automatic fuse
- bipolar switch with indicator
- installation clips for better cable organising
- cable length: 1,9m
- connecting TV cable included in delivery

+TV cable

Technical parameters	AXON Protector 370
Operating Voltage	230V
Frequency	50Hz
Rated Load Current	10A
Max. Earth-Leakage Current Imax	6,5kA
Fuses	aut.10A/250V
Leakage Current	<0,5mA
Protection	2P+Z
Socket Material	self-extinguishing plastic
Response Time of Surge Arrester	<25ns
UP Protection Level of Suppression Circuit	<=1.3kV
Energy Absorption	150J

	Part No.	Ord.No.
O	Axon 370 TV TNT	68939

ACAR X Protector Plus

- 5-way sockets with protective pin /45°angle
- fast fuses
- built in filter
- varistor suppressor
- large power switch with indicator
- voltage "in operation" indicator
- indication of overvoltage protection state
- possibility of base mounting
- cable length: 3m

+filter

Technical Parameters	ACAR X Protector Plus
Operating Voltage	230V
Frequency	50Hz
Rated Load Current	10A
Max. Earth-Leakage Current Imax	9kA
Fuses	2x10A/250V
Leakage Current	<0,5mA
Protection	2P+Z
Socket Material	self-extinguishing plastic
Response Time of Surge Arrester	<25ns
UP Protection Level of Suppression Circuit	<=1kV
Energy Absorption	150J

	Part No.	Ord.No.
S	Acar X Protector Plus	68927

ACAR X Protector Plus RJ

- 5-way sockets with protective pin /45°angle
- fast fuses
- built in filter
- varistor suppressor
- large power switch with indicator
- voltage "in operation" indicator
- indication of overvoltage protection state
- possibility of base mounting
- cable length: 3m
- telephone line protection: 2xRJ11

+RJ11

Technical Parameters	AXON X Protector Plus RJ
Rated Voltage	230V
Frequency	50Hz
Rated Load Current	10A
Max. Earth-Leakage Current Imax	6,5kA
Fuses	2x10A/250V
Leakage Current	<0,5mA
Protection	2P+Z
Socket Material	self-extinguishing plastic
Response Time of Surge Arrester	<25ns
UP Protection Level of Suppression Circuit	<=1kV
Energy Absorption	150J

	Part No.	Ord.No.
O	X Protector Plus RJ	68930

Please find more information
about overvoltage protection products on
www.soselectronic.com

S - in-stock product O - on order product. Prices are quoted in EUR excluding VAT and transport costs.

ACAR P7 RJ

- 7-way socket: 5 sockets with protective pin, 2 flat socket
- automatic fuse
- installation clips for better cable organising
- cable length: 3m
- 2xRJ11 sockets

+RJ11

Technical Parameters	ACAR P7 RJ
Operating Voltage	230V
Frequency	50Hz
Rated Load Current	10A
Max. Earth-Leakage Current Imax	6,5kA
Fuses	aut.10A/250V
Leakage Current	<0,5mA
Protection	2P+Z
Socket Material	self-extinguishing plastic
Response Time of Surge Arrester	<25ns
UP Protection Level of Suppression Circuit	<=1.3kV
Energy Absorption	150J

	Part No.	Ord.No.
O	Acar P7 RJ	68935

ACAR P7

- 7-way socket: 5 sockets with protective pin, 2 flat socket
- automatic fuse
- installation clips for better cable organising
- cable length: 3m

Technical Parameters	ACAR P7
Operating Voltage	230V
Frequency	50Hz
Rated Load Current	10A
Max. Earth-Leakage Current Imax	6,5kA
Fuses	aut.10A/250V
Leakage Current	<0,5mA
Protection	2P+Z
Socket Material	self-extinguishing plastic
Response Time of Surge Arrester	<25ns
UP Protection Level of Suppression Circuit	<=1.3kV
Energy Absorption	150J

	Part No.	Ord.No.
S	Acar P7	68933

Socket Strip ACAR F5 with Overvoltage Protection

- 5-way socket with protective pin /45°angle
- extension cord with automatic fuse
- power switch with indicator and voltage "in operation" indicator
- 4 different ways of cable placing
- cable length: 3m

Technical Parameters	ACAR F5
Operating Voltage	230V
Frequency	50Hz
Rated Load Current	10A
Max. Earth-Leakage Current Imax	6,5kA
Fuses	aut.10A/250V
Leakage Current	<0,5mA
Protection	2P+Z
Socket Material	self-extinguishing plastic
Response Time of Surge Arrester	<25ns
UP Protection Level of Suppression Circuit	<=1.3kV
Energy Absorption	150J

	Part No.	Ord.No.
S	Acar F5	68937

Surge Suppressor Adaptors

AXON Protector 180 Satellite

- surge suppressor adaptor
- 3 flat sockets
- protection of TV sockets (SAT receivers)
- child protection
- orange indicator of proper functionality
- SAT cable included in delivery

+SAT cable

Technical Parameters	AXON 180
Operating Voltage	230V
Frequency	50Hz
Rated Load Current	10A
Max. Earth-Leakage Current Imax	6,5kA
Fuses	-
Leakage Current	<0,5mA
Response Time of Surge Arrester	<0,25ns
UP Protection Level of Suppression Circuit	<=1,3kV
Energy Absorption	150J

	Part No.	Ord.No.
O	Acar 180 Satellite	68943

AXON Protector 170 TV/TNT

NEW!

- surge suppressor adaptor
- 3 flat sockets
- protection of TV sockets (TV, audio-video, ...)
- child protection
- orange indicator of proper functionality
- SAT cab
- TV cable included in delivery

+TV cable

Technical Parameters	AXON 170
Operating Voltage	230V
Frequency	50Hz
Rated Load Current	10A
Max. Earth-Leakage Current Imax	6,5kA
Fuses	-
Leakage Current	<0,5mA
Response Time of Surge Arrester	25ns
UP Protection Level of Suppression Circuit	<=1,3kV

	Part No.	Ord.No.
O	Acar 170 TV/TNT	68942

Overvoltage Protection (continued)

Surge Suppressor Adaptors (continued)

ACAR 107 ADSL

RJ11

- surge suppressor adaptor
- 3 flat sockets
- protection of RJ telephone sockets (phone, ADSL modem, fax ...)
- child protection
- orange indicator of proper functionality
- connecting cable included in delivery

Technical Parameters	ACAR 107 ADSL
Operating Voltage	230V
Frequency	50Hz
Rated Load Current	10A
Max. Earth-Leakage Current Imax	6,5kA
Fuses	-
Leakage Current	<0,5mA
Response Time of Surge Arrester	25ns
UP Protection Level of Suppression Circuit	<=1,3kV

	Part No.	Ord.No.
o	Acar 107 ADSL	68941

ACAR 105

- surge suppressor adaptor
- 3 flat sockets
- child protection
- orange indicator of proper functionality

Technical Parameters	ACAR 105
Operating Voltage	230V
Frequency	50Hz
Rated Load Current	10A
Max. Earth-Leakage Current Imax	6,5kA
Fuses	-
Leakage Current	<0,5mA
Response Time of Surge Arrester	25ns
UP Protection Level of Suppression Circuit	<=1,3kV

	Part No.	Ord.No.
o	Acar 105	68940

Please find more information about overvoltage protection products on www.soselectronic.com

Overvoltage Protections for PC Networks

AXON MultiNET Protector

- protects up to 8 devices connected to Ethernet 10/100 Mb/s
- protects all 4 pairs of wires in UTP cable
- eliminates interfaces in telecommunication network
- 8 single protections with RJ-45 connectors
- grounding recommended

Technical Parameters	AXON MultiNET
Operating Voltage	0-20V
Max. Continues Operating Voltage Uc	25V
Max. Earth-Leakage Current Imax	135A wire - ground/ wire-wire 8/20µs
Sockets	RJ-45
Protected Lines	1-2, 3-6, 4-5, 7-8

	Part No.	Ord.No.
o	AXON MultiNET Protector	68948

AXON NET Protector Air

- protects devices connected to Ethernet network 10/100 Mb/s
- the first level of protection for wireless connection
- protects all 4 pairs of wires in UTP cable
- eliminates interfaces in network
- grounding recommended

Technical Parameters	AXON NET AIR
Operating Voltage	5V
Max. Continues Operating Voltage Uc	60V
Max. Earth-Leakage Current Imax	5kA 8/20µs
Sockets	RJ-45 (8P8C)
Protected Lines	1-2, 3-6, 4-5, 7-8

	Part No.	Ord.No.
o	AXON NET Protector Air	68945

AXON NET Protector

- protects devices connected to Ethernet network 10/100 Mb/s
- protects all 4 pairs of wires in UTP cable
- eliminates interfaces in network
- grounding recommended

Technical Parameters	AXON NET Protector
Rated Voltage	5V
Max. Continues Operating Voltage Uc	6V
Max. Earth-Leakage Current Imax	135A 8/20µs wire-wire/ wire-grounding
Sockets	RJ-45
Protected Lines	1-2, 3-6, 4-5, 7-8

	Part No.	Ord.No.
o	AXON NET Protector	68944

s - in-stock product o - on order product. Prices are quoted in EUR excluding VAT and transport costs.

AXON ISDN Protector

ISDN

- protects devices connected to ISDN network
- eliminates interfaces in network
- grounding recommended

Typical applications:
ISDN phones, NT terminals, PC with ISDN modem

Technical Parameters	AXON ISDN Protector
Rated Voltage	120V
Max. Continues Operating Voltage Uc	150V
Max. Earth-Leakage Current Imax	10kA 8/20µs
Sockets	RJ-45
Protected Lines	4-5, 3-6

	Part No.	Ord.No.
O	AXON ISDN Protector	68946

AXON ADSL Protector

ADSL

- protects devices connected to ADSL network
- eliminates interfaces in telecommunication network
- grounding recommended

Technical Parameters	AXON ADSL Protector
Rated Voltage	120V
Max. Continues Operating Voltage Uc	150V
Max. Earth-Leakage Current Imax	10kA wire - grounding 8/20µs
Sockets	RJ-11
Protected Lines	3-4 (middle)

	Part No.	Ord.No.
O	AXON ADSL Protector	68947

Please find more information
about overvoltage protection products on
www.soselectronic.com

Timers

LCD Digital Timer CH 54021

- ON-OFF programming of home appliances
- up to 140 ON-OFFs weekly
- random on/off time option
- LCD displays set-ups and actual time
- dimensions: 100x55x35mm

Technical Parameters	LCD Digtal Timer CH 54021
Power Supply	230VAC, 50Hz
Max. Power Output	2000W resistive load
Timing Interval	1 minute
Protection Class	IP20

	Part No.	Ord.No.
S	CH 54021	67917

LCD Digital Timer CH 54027 Schuko

DE socket

- ON-OFF programming of home appliances
- up to 140 ON-OFFs weekly
- random on/off time option
- LCD displays sett-ups and actual time
- operating temperature: 0 – 55°C

Technical Parameters	LCD Digital Timer 54027 Schuko
Power Supply	230VAC, 50Hz
Max. Power Output	2000W resistive load
Timing Interval	1 minute
Protection Class	IP20

	Part No.	Ord.No.
S	CH 54027 Schuko	69712

Analog Timer CH 54010

- daily ON-OFF programming of home appliances
- 15-minutes programming interval period
- dimensions: 100x55x25mm

Technical Parameters	Analog Timer CH 54010
Power Supply	230VAC, 50Hz
Max. Power Output	3500W resistive load
Timing Interval Period	15 minutes
Protection Class	IP20

	Part No.	Ord.No.
S	CH 54010	67916

dLAN Mains Supply Network

Fastes - 200Mbit/s

The fastest dLAN®
Up to 200 Mbit/s
HD
HD video streaming, multimedia applications and home networking
in high-end quality over existing electrical wiring

dLAN 200 AV Wireless G

Starter Kit

- HomePlug AV adapter which combines the advantages of dLAN and WLAN in one device
- Use as WLAN access point – every electrical outlet in the house becomes a WLAN connection (802.11b and g) – optimum WLAN coverage throughout the entire house
- Wireless network and internet access throughout the entire house – simply using internet and computer network via the electrical wiring – no new cables, no drilling, no mess
- 4-Port Ethernet Switch for the direct connection of further PCs and network devices
- Transfer rates of up to 200 Mbps via electrical wiring and up to 54 Mbps via WLAN – wireless surfing throughout the entire house
- QoS features: guarantees transmission quality by automatically prioritising data (WMM/ 802.11e)
- Full IPTV support
- Send videos in HDTV quality through the electrical wiring in your home
- Range: 300m via WLAN, 200m via electrical wiring
- Dynamic WLAN channel selection depending on the current WLAN environment
- WLAN can be enabled/disabled

Technical Parameters	
Standards	Wireless specification IEEE 802.11b,g HomePlug standard AV Ethernet standard IEEE 802.3/x/u, Auto MDI /MDI-X
Protocols	DHCP (Client), APIPA, devolo Auto IP, ARP, ICMP, TCP/IP, UDP (IP), WMM, 802.11e, Ethernet Bridge 802.1D
Transmission speed	200 Mbps over power supply grid 54 Mbps over Wireless
Modulation	Power supply grid:OFDM - 1155 carriers, 24/256/64-QAM, QPSK, BPSK Wireless:802.11b: DSSS (Direct Sequence Spread Spectrum), 802.11g: OFDM (Orthogonal Frequency Division Multiplexing)
Range	200 m over power supply grid, up to 300 m over Wireless
Security	128-bit AES encryption over power supply grid
LEDs	Power/ dLAN / WLAN / ETH
LAN connections	dLAN: EURO mains plug WLAN: two rotating 2.4 GHz antennas Ethernet: 4 x RJ45 with 2 LEDs each (4-port switch)
Power consumption	8 W
Power supply	Integrated supply via power socket Rated voltage: 100 to 240V AC Nominal current: 0.16 A
Dimensions/Weight	37 x 198 x 168 mm/ 532 g

	Part No.	Description	Ord.No.
o	dLAN 200 AV Wireless G	HomePlug AV adapter with integrated Wireless LAN access point	73373
o	dLAN 200 AV Wireless G KIT FR socket	HomePlug adapter with integrated WLAN access point +dLAN® 200 AVeasy	73376

dLAN 200 AV plus

Starter Kit

- dLAN 200 AVplus quickly and easily establishes a network connection over the household electrical wiring
- Simple plug-and-play connection between the routers, computers and other network-compatible devices
- The integrated electrical socket enables additional terminal devices or multiple sockets to be connected to the adapter just like to a normal wall socket – no power supply is lost
- The integrated mains filter improves data transmission in the home network
- The "Quality of Service" function and transfer rates of up to 200 Mbps are enough for bandwidth-hungry applications
- Automatic data prioritisation ensures interference-free reproduction of voice and video data
- Easy data encryption at the touch of a button
- The patented power saving mode automatically uses up to 30% less power
- Compatible with all devolo dLAN 200 AV adapters
- Long data range of 200 m between the adapters and reliable network speed for setting up a home network
- LED Quality Indicator for displaying bandwidth status

Technical Parameters	
Standards	Ethernet specifications IEEE 802.3, IEEE 802.3x, IEEE 802.3u, Auto MDI / X HomePlug AV
Protocols	CSMA/CA over power supply grid
Transmission speed	200 Mbps/ asynchronous
Modulation	OFDM - 1155 carriers, 1024/256/64-QAM, QPSK, BPSK
Data path	Ethernet <-> power supply grid
Range	200 m
Security	128-bit AES encryption over power supply grid
LEDs	Power/ Ethernet/dLAN
Power output at integrated socket	230 V / 16 A maximum
Device port	Ethernet RJ45
Power consumption	5 W (max.), 3,3 W in standby
Power supply	AC 100-240V 50/60Hz
Damping filter	2 – 30 MHz/ -22 dB to -45 dB
Dimensions/Weight	130 x 66 x 42 mm/240g

	Part No.	Description	Ord.No.
o	dLAN 200 AV plus FR socket	1xadapter, 1xcable	73387
o	dLAN 200 AV plus DE socket	1xadapter, 1xcable	73384
o	dLAN 200 AV plus KIT FR socket	2xadapter, 2xcable	73391
o	dLAN 200 AV plus KIT DE socket	2xadapter, 2xcable	73388

dLAN 200 AV easy

Starter Kit

- Out of the box. Into the wall outlet. Network. Simple plug-and-play networking of a range of devices via the household power grid
- Encryption at the touch of a button
- Up to 200 Mbps – ideal for Triple Play applications such as IPTV, video-on-demand, VoIP telephony and high-speed Internet access
- 200-meter range. In the office or at home – in any room of the house.
- Quality of Service (QoS) – guarantees transmission quality by automatically prioritizing data
- Patented power-saving mode automatically reduces standby power consumption by up to 30%

Technical Parameters	
Standards	Ethernet specifications IEEE 802.3, IEEE 802.3x, IEEE 802.3u, Auto MDI / X HomePlug AV
Protocols	CSMA/CA over power supply grid
Transmission speed	200 Mbps/ asynchronous

s - in-stock product o - on order product. Prices are quoted in EUR excluding VAT and transport costs.

Modulation	OFDM - 1155 carriers, 1024/256/64-QAM, QPSK, BPSK
Data path	Ethernet <-> power supply grid
Range	200m
Security	128-bit AES encryption over power supply grid
LEDs	Power/Ethernet/dLAN
dLAN port/device port	EURO mains plug/ Ethernet RJ45
Power consumption	5 W (max.), 3.3 W in standby
Power supply	AC 100-240V 50/60Hz
Dimensions/Weight	80 x 65 x 40 mm/ 148 g (per adapter)

	Part No.	Description	Ord.No.
O	dLAN 200 AV easy FR socket	1xadapter, 1xcable	73379
O	dLAN 200 AV easy KIT FR socket	2xadapter, 2xcable	73382

Faster - 85Mbit/s

The faster dLAN®
Up to 85 Mbit/s
Internet, PC or game console: linked together quickly and easily
over the existing electrical wiring

dLAN 85 HS plus

devolo

NEW!

Starter Kit

- The dLAN 85 HSplus quickly and easily establishes a network connection over the household electrical wiring.
- Simple plug-and-play connection between the routers, computers and other network-compatible devices.
- The integrated electrical socket enables additional terminal devices or multiple sockets to be connected to the adapter just as a normal wall socket—no power supply is lost.
- The integrated mains filter significantly improves data transmission in the home network.
- The "Quality of Service" function and transfer rates of up to 85 Mbps are enough for bandwidth-hungry applications, e. g. online gaming, VoIP telephony and Internet media. Automatic data prioritisation ensures interference-free reproduction of voice and video data.
- Reduced energy consumption with patented power save mode
- No configuration is necessary—plug the dLAN 85 HSplus into the power outlet, connect it to your computer via the network cable and you are ready to go.
- User-friendly software for PC (Windows XP/Windows Vista), Mac and Linux allows individual network encryption for even more security

Technical Parameters	
Standards	Ethernet specifications IEEE 802.3, IEEE 802.3x, IEEE 802.3u, Auto MDI / X backward-compatible to HomePlug standard 1.0
Protocols	CSMA/CA
Transmission speed	85 Mbps/ asynchronous
Modulation	OFDM - 84 carriers
Data path	Ethernet <-> power supply grid
Range	200 m
Security	DESpro encryption over household power supply grid
LEDs	Power/Ethernet /dLAN
Power output at integrated socket	230 V / 16 A maximum
Device port	Ethernet RJ45
Power consumption	5 W (max.), 3,3 W in standby
Power supply	AC 100-240V 50/60Hz
Damping filter	2 – 30 MHz/ -22 dB to -45 dB
Dimensions/Weight	130 x 66 x 42 mm/240g

	Part No.	Description	Ord.No.
O	dLAN HS plus DE socket	1xadapter, 1xcable	73418
S	dLAN HS plus FR socket	1xadapter, 1xcable	73421
O	dLAN HS plus KIT DE socket	2xadapter, 2xcable	73423
S	dLAN HS plus KIT FR socket	2xadapter, 2xcable	73426

dLAN Highspeed Ethernet II

devolo

NEW!

Starter Kit

Network Kit

- Perfectly informed with the new, clearly arranged 3-LED status display.
- Reduced energy consumption thanks to the patented power save mode: energy consumption is reduced by 30% in standby mode.
- Long range of 200 m (656') in buildings – dLAN works in every room, anywhere in the building.
- High transfer rates of up to 85 Mbps thanks to the HomePlug technology.
- Setting up your home network is easy with additional network-compatible devices such as network printers or NAS hard drives and the dLAN adapters by devolo.
- No configuration is necessary – plug the adapter into the power outlet, connect it to your computer via the network cable and you are ready to go.
- High interception protection thanks to DESpro encryption.
- For pros: Configuration software for PC (Windows XP /Windows Vista), Mac and Linux is included.
- Full compatibility with devolo adapters of the first HomePlug generation (14 or 85 Mbps).

Technical Parameters	
Standards	Ethernet specifications IEEE 802.3, IEEE 802.3x, IEEE 802.3u, Auto MDI / X backward-compatible to HomePlug standard 1.0
Protocols	CSMA/CD
Transmission speed	85 Mbps/ asynchronous
Modulation	OFDM - 84 carriers
Range	200 m
Security	DESpro encryption over household power supply grid
LEDs	Power/Ethernet /dLAN
Device port	Connector type: RJ 45
Power consumption	4,5 W (max.)
Power supply	100 – 240 V AC/0,06 A
System requirements	Ethernet port
Dimensions/Weight	82 x 66 x 41 mm/125g

	Part No.	Description	Ord.No.
S	dLAN HSE II FR socket	1xadapter, 1xcable	73405
S	dLAN HSE II Starter Kit FR socket	2xadapter, 2xcable	73410
O	dLAN HSE II Network Kit FR socket	3xadapter, 3xcable	73423

dLAN Wireless extender

devolo

NEW!

Starter Kit

- Use as access point: Every socket becomes a WLAN access point – optimum WLAN coverage throughout the house
- Up to 85 Mbit/s transfer rate via the power circuit, up to 54 Mbit/s via wireless LAN
- 200 metre range via the power circuit, 300 metre range via wireless LAN – wireless network and Internet access in every room of the house
- Ethernet interface for direct connection of a PC
- Use as client: Data transmission from an access point to the internal power circuit and thus connection of remote PCs to the WLAN network

Technical Parameters	
Standards	Wireless specification IEEE 802.11b,g HomePlug standard 1.0 Turbo Ethernet standard IEEE 802.3/x/u, Auto MDI /MDI-X

dLAN Wireless extender (continued)

Protocols	CSMA/CD
Data transfer rate	85 Mbps over powerline, 54 Mbps via wireless
Modulation	OFDM - 84 carriers via powerline, DSSS - via wireless
Range	200 m via powerline, up to 300 m via wireless
Security	DESpro encryption via powerline WEP, WPA, WPA2 via wireless
LEDs	Power/Ethernet /dLAN/wLAN
LAN connections	dLAN: EURO power plug WLAN: Coaxial connector with removable, rotatable 2.4 GHz antenna Ethernet: RJ45
Power consumption	6,5 W
Power supply	Integrated supply from plug socket Rated voltage: 100 – 240 V AC Rated current: 0,11 A
Dimensions/Weight	95 x 70 x 47mm/432g

	Part No.	Description	Ord.No.
S	dLAN Wireless extender FR socket	Wireless extender	73413
S	dLAN Wireless extender Kit FR socket	Wireless extender + dLAN HS Ethernet II	73410

Fast - 14Mbit/s

dLAN duo

devolo

NEW!

- Option of Ethernet or USB port
- Power-save mode
- Installation and configuration software for Windows,Mac and Linux
- 6 signal LEDs display operating status
- 200 m range, depending on design and architecture
- Transfer rates of up to 14 Mbps
- Interception protection with DESpro encryption

Starter Kit

Technical Parameters	
Standards	Ethernet specifications IEEE 802.3, IEEE 802.3x, IEEE 802.3u, Auto MDI / X compatible with USB specification, Rev. 1.1, HomePlug standard 1.0
Protocols	CSMA/CD
Transmission speed	14 Mbps/ asynchronous
Modulation	OFDM - 84 carriers
Range	200 m
Security	DESpro encryption over household power supply grid
LEDs	3 port / 3 dLAN status
Device port	Connector type: RJ 45 or USB 1.1
Power consumption	4,5 W (max.), 3 W on stand-by
Power supply	AC 100-240 V 50/60 Hz
Damping filter	2 – 30 MHz/ -22 dB to -45 dB
Dimensions/Weight	80 x 63 x 37 mm/130MM

	Part No.	Description	Ord.No.
O	dLAN duo FR socket	1x duo adapter	73399
S	dLAN duo Kit FR socket	2x duo adapter	73402

dLAN TV World

dLAN TV SAT

devolo

NEW!

Starter Kit

- The first satellite receiver with HomePlug technology. The satellite signal is distributed to every socket in the house by the satellite antenna – easily, over the electrical wiring.
- Watch digital satellite TV on your PC – in HD quality
- Latest-generation DVB-S2 tuner
- Comprehensive application software
- Record and save MPEG-2 video sequences on your computer
- Quality of Service (QoS): constantly high reception quality with signal distribution over the electrical wiring
- The remote control turns your PC into a media centre
- High transmission rates up to 200 Mbps for smooth-flowing television pictures
- Dolby Surround Sound support (AC3)
- Electronic Programme Guide (EPG)
- Time-shifted television

Technical Parameters	
Standards	Ethernet specifications IEEE 802.3, IEEE 802.3x, IEEE 802.3u, Auto MDI / X, HomePlug AV DVB-S, DVB-S2
Protocols	CSMA/CA over power supply grid
Transmission speed	200 Mbps/ asynchronous
Modulation	OFDM - 1155 carriers, 1024/256/64-QAM, QPSK, BPSK
Range	200 m
Security	128-bit AES encryption over power supply grid
LEDs	On/Connect/Ethernet/Power supply
Device port	F-jack (coax), Ethernet RJ45, Hollow plug (OD: 5.5mm/0.217", ID: 2.1mm/0.083")
Power consumption	30 W
Power supply	12V, 1.5A
Electric power supply	200 – 240 V
Dimensions/Weight	30 x 117 x 191 mm/762g

	Part No.	Description	Ord.N.
O	dLAN TV SAT	TV Sat receiver with mains adapte +RC	73428
O	dLAN TV SAT Kit	TV Sat receiver with mains adapte +RC + dLAN® 200 AVeasy with Ethernet cable	73429

S - in-stock product O - on order product. Prices are quoted in EUR excluding VAT and transport costs.

dLAN Audio World

dLAN Audio Extender

NEW!

Starter Kit

- Connect your PC to your HiFi entertainment system or active speakers over the household power circuit.
- Listen to music on your hard drive anywhere in the house
- Playback via HiFi system or active speakers
- Connect your HiFi system or active speakers to the dLAN Audio extender using an RCA or mini-jack cable
- Share the sound of any audio media throughout the house:songs, voice, audiobooks etc.
- Transmission of most audio file formats, e.g. MP3, WMA,WAV and AAC
- Audio transmission range: 200m over the power circuit
- Supports a wide range of music servers such as Windows Media Player, Apple iTunes (on Windows XP) or Winamp

Technical Parameters	
Standards	HomePlug Standard 1.0
Protocols	CSMA/CD via mains network
Audio data rate	16 bit, 44.1 KHz stereo CD quality
Transmission procedure	Asynchronous via mains network
Network buffer	1 sec
Modulation	OFDM - 84 carrier (Orthogonal Frequency Division Multiplexing) via mains network
Range	200 m
Security	DESpro encryption via mains network
LEDs	Power/dLAN/Sound Link
dLAN connection	EURO network plug
Audio interface	Connection type: - Line-out: 2 x cinch, 1 x pin - Signal/interference distance analogue out: 87db - Output distortion factor (THD): 0.01% @ 1KHz - RL > 3k Ohm
Power consumption	4 W (max.)
Voltage supply	Integrated supply via plug: Nominal voltage: 110 – 240V AC Nominal power: 50 mA / 230V + 80 mA / 110
Dimensions/Weight	80 x 65 x 40 mm/158g

	Part No.	Description	Ord.
S	dLAN Audio extender	dLAN Audio extender	73393
S	dLAN Audio extender Kit	dLAN Audio extender + dLAN duo HomePlug adapter	73396

PC Accesories

Bluetooth USB Dongle-04C

Dongle-04C is designed for PCs without integrated bluetooth interface. Communicates with different bluetooth devices as mobil phones, PDA or PC data transmission, networking, dial-up and fax.

Technical Parameters	Dongle-04C
Supporting Profiles	Bluetooth V2.0, V1.1 a V1.2, networking, Dial-up, Fax, LAN access, Headset
For operating system	Windows 2000, XP
Interface	USB 2.0, 1.1
Baud Rate	3Mbps
Receiving/Sending Range	20m

	Part No.	Ord.No
S	DONGLE-04C	62802

Bluetooth USB Dongle-06H

NEW!

The Smallest USB Bluetooth Dongle Only 1.5cm length
Standard: Bluetooth specification V1.2&2.0 compliant
Quick and inexpensive solution for data transfer
Tested compatibility with Bluetooth enabled mobile phones, PDAs, headsets and other Bluetooth devices
Create a wireless internet connection between your device and laptop/PC
Plug and play installation
This product is compatible with: All Bluetooth Phones including:
Nokia, Motorola, Sony Ericsson, LG, Samsung, Blackberry, Qtek, BenQ
This product is certified with CE.

Technical Parameters	Dongle-06H
Supporting Profiles	Networking, Dial-up, Fax, LAN access, and headset
For operating system	Windows 98, 98se, Me 2000, XP, Vista
Interface	USB compliance
Baud Rate	3Mbps
Receiving/Sending Range	0-100m

	Part No.	Ord.No
S	DONGLE-06H	72240

SD/MMC Card Reader SR-04

External Card Reader USB 2.0
-according to USB 2.0 specification
-supports USB high speed 480Mbps
-Plug & Play and hot-swapping capability
-the following media types are supported: SD Card Series (incl. SD HC), MMC Card Series
-mini cards (with adaptor)
-USB powered
-OS: WIN 98SE/ ME/ 2000/ XP / Vista and Mac OS 9.2 or higher

	Part No.	Ord.No
S	SR-04	64903

SD/MMC Card Reader SR-06

-compact, ideal for Notebooks
-full USB 2.0 and USB 1.1 support
-LED signal for power, reading and writing
-Plug & Play
-for following memory cards:
SD / SDHC / MMC / RSMMC / DV-RSMMC with adapter (optional) also Mini SD / T Flash / Micro SD / MMC compatible
-system requirement: Windows 98SE / ME / 2000 / XP / VIST, Linux Core 2.4 and MAC OS 8.6 or higher

	Part No.	Ord.No
S	SR-04	64903

Weather Stations

Nexus

433MHz/100m

- wireless weather station
- transmission of outdoor values wireless (max. 100 m),
- display of outdoor temperature and humidity, rainfall quantity, wind velocity and direction, indoor temperature and humidity with comfort level indicator,
- absolute and relative atmospheric pressure with 24 hours history,
- weather forecast and tendency of atmospheric pressure,
- bar graph indication of atmospheric pressure, temperature or humidity for the last 24 hours,
- calculation of Windchill factor and dew point, max.-min.-function,
- programmable alarm functions for certain weather conditions like temperature alarm, storm warning,
- radio controlled clock with different alarms and snooze function,
- display of date and weekday (6 languages), time of sun rising and setting, indication of moon phase,
- data memory for 3000 weather records,
- PC- Interface with analysis software package,
- LED backlight with light sensor
- measuring range temperature outdoor -40...+80°C (-40...+176°F), indoor -10...+60°C (14...+140°F), reversible °C/°F, humidity 1...99%,
- for hanging or standing,
- equipment: thermo-hygro-sensor, wind sensor, rain sensor, CD-ROM (English/German), USB cable, power adapter 7.5 V AC/DC,
- expandable up to 5 thermo-hygro-sensors 30.3150
- 220 x 165 x 32 mm, 2670 g

	Part No.	Ord.No.
S	NEXUS	63067

Oregon Crystal

3D

The worlds first weather station with laser engraved 3D icons in crystal. View the weather forecast at a glance with 3D icons illuminated by colour light.

- Radio Controlled time
- Change the display mode between time and indoor temperature with just a wave of your hand
- IR sensor sensitivity: 1,3 to 8 cm
- Easy to read animated display of indoor temperature & time (measuring temperature range: -5 to 50°C)
- Sleek & modern design
- AC Adapter included
- Dimensions: 177 x 112 x 40mm
- Colour: Black/Clear
- crystal part weight: 860g
- basic part weight: 260g

	Part No.	Ord.No.
S	OREGON CRYSTAL	61251

Image

868MHz/30m

Digital Weather Station/Photo Frame. Introducing the first-ever photo frame that gives you a local weather forecast! This 7" TFT screen is switchable between a slide show of your digital photos and an innovative full-colour display of current weather and 24-hour forecast, all operated by a sleek compact remote control.
It can be wall mounted or free standing.

- 128MB Internal memory, supports memory cards SD/MMC/XD/Memory Stick/Pro Duo/Compact Flash/CF I/II/Smart Media for additional memory
- Slide show intervals 1-60 seconds
- Resolution 480 x 234
- Supports JPEG
- Full colour weather icons
- Indoor/outdoor temperature and humidity, outdoor sensor for temp/humidity, range 90° (30m), atmospheric pressure trend with 24-hour memory
- Moon phase, sunrise and sunset, calendar,day/date and alarm
- Mains powered, or uses 3 AAA batteries; remote uses 2AAA batteries
- Dimensions: 220 x 165 x 32 mm, 2670 g
- 30.3162 sensor

	Part No.	Ord.No.
O	IMAGE	70683

Vega

868MHz/100m

- wireless weather station
- transmission of outdoor values wireless (max. 100 m) with new IT technology,
- display of outdoor temperature and humidity,
- weather forecast,
- tendency of atmospheric pressure, relative atmospheric pressure,
- bar graph indication of the last 12 hours,
- rainfall quantity, wind velocity and direction,
- Windchill factor,
- max.-min.-function with time and date,
- programmable alarm functions for certain weather conditions like temperature alarm, storm warning,
- clock with alarm and date,
- data memory for 200 measurements for all parameters,

Measuring range:
temperature -40...+60°C
humidity 1...99%,

- for hanging or standing,
- 30.3141 sensor

Equipment: thermo-hygro-sensor, wind sensor and rain sensor with connecting cables, batteries 3 x 1,5 V AA display station, 2 x 1,5 V AA transmitter

- dimensions: 165 x 142 x 32, 1950 g

	Part No.	Ord.No.
S	VEGA	57911

Sinus

NEW!

100m

The TFA Sinus Weather Station is an excellent low priced professional weather station that combines the latest environmental measuring and computer technology, enabling you to record, review and store an array of weather information.

- Wireless transmission of outdoor values (max. 100 m)
- Display of outdoor temperature and humidity, indoor temperature and humidity with comfort level indicator
- Absolute and relative atmospheric pressure with 24 hours history
- Weather forecast and tendency of atmospheric pressure
- Bar graph indication of atmospheric pressure
- Temperature in °C/°F
- Temperature or humidity for the last 24 hours
- Rainfall quantity
- Wind velocity and direction
- Windchill factor and dew point, max.-min.-function
- Programmable alarm functions for certain weather conditions like temperature alarm, storm warning
- Radio controlled clock with different alarms and snooze function
- Display of date and weekday (6 languages)
- Time of rising and setting of sun and moon
- Indication of moon phase
- Data memory for 200 weather records
- PC- Interface with analysis software package
- LED backlight
- Expandable up to 5 thermo-hygro-sensors 30.3150

Measuring ranges:

- Outdoor temperature -40...+80°C
- Indoor temperature -10...+60°C
- Humidity 1...99%,

Wall or desk mountable
Included equipment: thermo-hygro-sensor
wind sensor, rain sensor, USB cable
batteries 4 x 1.5 V AA display station
2 x 1,5 V AA thermo-hygro-sensor
2 x 1.5 V AA wind sensor
2 x 1,5 V AA rain sensor
Dimensions: 136 x 185 x 62 mm
Weight: 2500 g

	Part No.	Ord.No.
S	SINUS	73786

S - in-stock product O - on order product. Prices are quoted in EUR excluding VAT and transport costs.

Red Lava

433MHz/75m

- wireless weather station
- animated display,
- display colour changes according to the weather forecast from red (sunny) to pink (cloudy) and white (rainy) or permanent display colour,
- backlight in continuous operation (with power adapter), by IR motion sensor or remote control (standard model, not included),
- transmission of outdoor temperature via up to 5 transmitters (max. 75 m),
- indication of indoor temperature and humidity,
- max.-min.-function,
- weather forecast by symbols,
- tendency of atmospheric pressure,
- relative atmospheric pressure with 24 hours history,
- bar graph indication of the last 24 hours,
- radio controlled clock with alarm and date,
- indication of moon phase,
- reversible °C/°F,
- for hanging or standing,
- with metal base,
- 30.3145 sensor

Measuring range:
- indoor temperature: -10°C to +60°C
- outdoor temperature: -50°C to +70°C
- recommended op.temp.:-20°C to +60°C
- humidity: 25 to 95% RH
- batteries: 4x 1,5V AA for the station
  2x 1,5V AAA for sensor (supplied)

	Part No.	Ord.No.
S	RED LAVA	57909

Sculpture

433MHz/75m

"SCULPTURE" wireless weather station

- animated display
- display colour changes according to the weather forecast from display colour orange (sunny), violet (cloudy) and blue (rainy)
- backlight in continuous operation (with power adapter)
- by IR motion sensor or remote control (standard model, not included)
- time of sun rising and setting (for more than 150 European cities)
- sun and moon position
- transmission of outdoor temperature via up to 5 transmitters (max. 75 m)
- indication of indoor temperature and humidity
- max.-min.-function
- weather forecast by symbols
- tendency of atmospheric pressure
- relative atmospheric pressure with 24 hours history
- bar graph indication of the last 24 hours
- radio controlled clock with alarm and date
- indication of moon phase

Measuring range:
temperature: outdoor -50..+70°
indoor -10..+60°C
humidity 25..95 %
- for hanging or standing
- with metal base

Included in delivery:
Outdoor temperature transmitter 30.3145
Batteries 4 x 1,5 V AA display station,
2 x 1,5 V AAA transmitter
Power adapter

	Part No.	Ord.No
S	SCULPTURE	64245

Pleas find current list of weather-stations on
www.soselectronic.com

Diva Plus

868MHz/100m

DIVA PLUS Wireless weather station
- humidity via up to 3 transmitters (max. 100 m)
- indication of indoor temperature and humidity
- max.- min.- function
- weather forecast
- tendency of atmospheric pressure
- bar graph indication of atmospheric pressure of the last 24 hours
- radio controlled clock with date, time zone ±12 hrs.

Measuring range:
temperature outdoor : -40..+60°C
indoor -10..+60°C
reversible °C/°F
humidity 1..99 %,
- for hanging or standing

Included in delivery:
Temperature and humidity transmitter 30.3144.IT

	Part No.	Ord.No.
S	DIVA PLUS	62660

Linear

- transmission of outdoor temperature via up to 3 transmitters (max.100 m),
- indication of indoor temperature and humidity,comfortlevel,max.-min.-function,
- weather forecast,tendency of atmospheric pressure,bar graph indication of the last12 hrs,radio controlled clock,date,

Measuring range:
temperature: outdoor -40...+60°C
indoor -10...+60°C
reversible °C/°F
humidity 1...99 %,
time zone ±12 hrs,DCF-off-function,
- for hanging or standing,
- fine aluminium facing

Dimensions: 235 x 99 x 68 mm,
Weight: 540g

Included in delivery:
Outdoor temperature transmitter 30.3147IT,
batteries:
3 x 1.5 V AA display station
2 x 1.5 V AA transmitter

	Part No.	Ord.No.
S	LINEAR	49902

Laluna

"laluna" wireless weather station
- outdoor temperature and humidity wireless via up to 3 transmitters (max. 100 m),
- indoor temperature and humidity,
- comfort level,
- max.-min.- function,
- weather forecast,
- tendency of atmospheric pressure, relative atmospheric pressure,
- history for the past 24 hours,
- radio controlled clock with alarm and snooze function,
- date,moon phase,
- LED backlight,

Measuring range:
emperature: outdoor -40...+60°C
indoor -10...+60°C
reversible °C/°F
humidity 1...99 %,
time zone ±12 hrs,DCF-off-function,
- for hanging or standing,
- fine aluminium facing,

Included in delivery:
outdoor temperature and humidity transmitter 30.3144.IT,
batteries:
3 x 1.5 V AA display station,
3 x 1.5 V AA transmitter2
Dimensions: 30 x 118 x 30 mm, 160 x 43 x 28 mm,
Weight: 545 g

	Part No.	Ord.No.
S	LALUNA	58541

Weather Stations (continued)

Meteotronic Pro

NEW!

90 regions forecast

The Meteotronic Weather Forecast Centre provides a professional weather forecast for the current and next 3 days. The weather forecasts are made by professional meteorologists and are sent out with the radio time signal DCF77.This signal can be received in almost all of Europe which is divided into 90 meteorological regions. The desired region for your local or holiday location can be simply selected and the current weather forecast will be displayed.On each of the days it will show a weather forecast icon for what the weather should be that day and for the next 3 days. Also shown is a weather icon for what the weather will be that night.
Maximum and minimum temperature readings will be displayed for all 4 days, as well as the probability percentage for rain that day and also the wind direction and strength.
Displayed at the top of the Meteotronic Weather Forecast Centre will be your indoor temperature with time and date and it can also be used as an alarm clock.The Meteotronic Weather Forecast Centre can be used free standing or it can be wall hung. It runs on 3 AA batteries which are supplied.

- indoor temperature: range: 0 to 50°C, accuracy: ±1°C, resolution: 0,1°C
- power supply: 3x batteries LR6 AA
- dimensions (DxWxH):142mm x 26mm x 136mm

	Part No.	Ord.No.
S	METEOTRONIC PRO	64247

Focus (Mini) 868

868MHz/100m

- wireless weather station
- transmission of outdoor temperature via up to 3 transmitters (max. 100 m),
- indication of indoor temperature and humidity with comfort level,
- max.-min.-function,
- weather forecast,
- tendency of atmospheric pressure,
- radio controlled clock with date,
- measuring range temperature outdoor -40...+60°C (-40....+140°F), indoor 0...+60°C (+32...+140°F), reversible °C/°F, humidity 0... 99 %,
- time zone ±12 hrs,
- DCF-off-function,
- for hanging or standing,
- silver/grey,
- equipment: outdoor temperature transmitter 30.3147.IT, batteries 2 x 1.5 V AA display station, 2 x 1.5 V AA transmitter
- dimensions: 140 x 97 x 27 mm, 127 x 38 x 18 mm, 368 g

	Part No.	Ord.No.
S	FOCUS (MINI) 868	63269

Weather Pam

868MHz/100m

The TFA Weather Pam Wireless Weather Station is a very neat weather forecasting system that can measure, process and display an assortment of weather information. This compact, sophisticated weather station is perfect for viewing weather conditions at a glance and features the weather Pam character that assists in day to day forecasting by constantly changing her clothes to indicate what is happening outside (she has 15 outfits in total Bikini, scarf, coat or umbrella).

- barometric pressure tendency arrow
- forecasting icons (clouds, rain, sun, etc), based on changing barometric pressurere
- indoor and outdoor temperature
- indoor humidity with minimum and maximum memory
- easy to read LCD display
- radio controlled clock and calendar (controlled by the Frankfurt antenna (DCF-77)
- an Alarm setting with snooze function
- moon phase data and sunrise and sunset times.
- display 12hr or 24hr
- calendar display
- 868 MHz transmission frequency
- transmission distance : 100 metres (in open field)
- times of sunset and sunrise for 39 European towns available
- 3 forecast icons including sunny, cloudy and rain
- weather tendency indicator

Dimensions:
Weather Station: 125 x 90 x 30 mm
Colour: Silver

	Part No.	Ord.No.
S	WEATHER PAM	64252

Oracle Base 868

868MHz/100m

- wireless weather station
- transmission of outdoor temperature via up to 3 transmitters (max. 100 m),
- indication of indoor temperature and humidity,
- comfort level,
- max.-min.-function,
- weather forecast,
- tendency of atmospheric pressure,
- radio controlled clock, date,
- measuring range temperature outdoor -40...+60°C (-40...+40°F), indoor -10...+60°C (-14...140°F), reversible °C/°F, humidity 1...99 %,
- time zone ±12 hrs,
- DCF-off-function,
- for hanging or standing,
- equipment: outdoor temperature transmitter 30.3147.IT, batteries 2 x 1.5 V AA display station, 2 x 1.5 V AA transmitter

Dimensions: 165 x 72 x 33 mm, 127 x 38 x 18 mm, 190 g

	Part No.	Ord.No.
S	ORACLE BASE 868	70444

Ambiente

433MHz/30m

- wireless weather station
- transmission of outdoor temperature via up to 3 transmitters (max. 30 m), with optional sensor cable
- temperature tendency,
- adjustable temperature alarm,
- indication of indoor temperature and humidity,
- max.-min.-function,
- weather forecast,
- tendency of atmospheric pressure,
- radio controlled clock with date, alarm and snooze function,
- indication of moon phase and tidal range,
- measuring range temperature outdoor -20..+50° (-4..+122°F), indoor 0..+50°C (+32..+122°F), reversible °C/°F, humidity 20..99 %,
- time zone ±12 hrs,
- with backlight,
- for hanging or standing,
- equipment: outdoor temperature transmitter 30.3133, batteries 2 x 1,5 V AA display station, 2 x 1,5 V AA transmitter
- dimensions: 149 x 132 x 28 mm, 115 x 75 x 20 mm, 390 g

	Part No.	Ord.No.
S	AMBIENTE	55842

Weather Kitty

433MHz/30m

Features:

- wireless weather station with high gloss white/ black piano-finish/orange colour
- transmission of outdoor temperature via up to 3 transmitters (max. 30 m),
- temperature tendency, adjustable temperature alarm,
- indication of indoor temperature,
- max.-min.-function,
- weather forecast by symbols and "Weather Kitty" (22 variations of clothes),
- tendency of atmospheric pressure,
- radio controlled clock with date, alarm and snooze function,
- indication of moon phase,
- backlight,
- measuring range temperature outdoor -20..+60° (-4..+140°F), indoor 0..+50°C (+32..+122°F), reversible °C/°F,
- time zone ±12 hrs,
- for hanging or standing,
- equipment: outdoor temperature transmitter 30.3139, batteries 2 x 1,5 V AA display station, 2 x 1,5 V AAA transmitter

S - in-stock product O - on order product. Prices are quoted in EUR excluding VAT and transport costs.

	Part No.	Ord.No.	Description
S	WEATHER KITTY BK	63354	high gloss black piano-finish
S	WEATHER KITTY OG	63046	high gloss orange
S	WEATHER KITTY WH	63355	high gloss white

Diva Go 868MHz

868MHz/100m

This weather station, with its digital LCD and advanced measurement information, will look great on anyone's desk as it looks modern and stylish.It comes with a clock and date function which can be set manually or can be controlled via an atomic clock.The barometer uses the current air pressure to forecast the weather, which is indicated with a graphic icon display. Furthermore, the arrow tendency display shows whether the pressure is increasing or decreasing - further help for forecasting the weather.

- indoor and outdoor temperatures in °C or °F
- shows the maximum and minimum temperatures of all recordings
- shows the highest and lowest humidities
- radio-controlled date and time

The transmitter operates on a frequency of 868Mhz over a distance of 100m.
Requires 2 x AA and 2 x AAA batteries (included)

	Part No.	Ord.No.
S	DIVA GO 868MHz	62765

Easy Go

868MHz/100m

- wireless thermometer
- with dual channel transmitter for wireless transmission (max. 100 m) of outdoor temperature and sensor cable (inclusive),
- one additional channel available, indication of indoor temperature,
- permanent indication of daily highest and lowest values with auto reset,
- additional max.- min. memory with manual reset and time and date of recording,
- radio controlled clock with date,
- measuring range temperature outdoor -40..+70 °C (-40..+158°F), indoor 0...+60°C (+32..+140°F), reversible °C/°F,
- for hanging or standing,
- metallic grey,
- equipment: outdoor temperature transmitter 30.3143.IT, batteries 2 x 1,5 V AAA display station, 2 x 1,5 V AAA transmitter
- dimensions: 136 x 95 x 19 mm, 128 x 41 x 19 mm, 345 g,

	Part No.	Ord.No.
O	EASY GO	57912

Ratio

100 m

- wireless thermometer
- wireless transmission of outdoor temperature via up to 3 transmitters (max. 100 m),
- indication of indoor temperature,
- max.-min.-function,
- clock,
- measuring range outdoor -40...+65°C (-40...149°F), indoor 0...+60°C (32...140°F),
- reversible °C/°F
- for hanging or standing,
- equipment: outdoor temperature transmitter 30.3163, batteries 2 x 1.5 V AA display station, 2 x 1.5 V AAA
- dimensions: 113 x 67 x 28 mm, 86 x 32 x 15,
- weight: 500 g

	Part No.	Ord.No.
S	RATIO	72581

Transmitters

TFA includes one wireless transmitter with every weather station. Many of the weather stations are able to communicate with more than one sensor at the same time.Please check following sensors:

30.3110 Sensor

Suitable for:
Thermomax (Ord.No.767)

433MHz

30.3120.90 Sensor

Suitable for:
Basic (Ord.No. 55841)
Diva Go (Ord.No. 62765)
Projection Clock (Ord.No. 55848)

433MHz

Type	Description
SENSOR 30.3110	Additional display transmitter for 30.3000
SENSOR 30.3120.90	Additional display thermo-transmitter

	Part No.	Ord.No.
S	SENSOR 30.3110	43319
S	SENSOR 30.3139.90	43321

30.3133 Sensor

Suitable for:
Ambiente (Ord.No. 55842)

433MHz

30.3139 Sensor

Suitable for:
Weather Kitty (Ord.No. 63354,63046,63355)

433MHz

Part No.	Description
SENSOR 30.3133	Additional display transmitter for 35.1057 with cable
SENSOR 30.3139	Additional display transmitter for 35.1057,58,66,71

	Part No.	Ord.No.
O	SENSOR 30.3133	56085
O	SENSOR 30.3139	65190

30.3143 IT Sensor

Additional display thermo-transmitter 868MHz suitable for:
Easy Go (Ord.No.57912)
Diva Go (Ord.No.62765)

868MHz

30.3144.IT Sensor

Suitable for:
Diva Plus (Ord.No.62660)

868MHz

Part No.	Description
SENSOR 30.3143.IT	Additional display transmitter 868MHz
SENSOR 30.3144.IT	Additional display transmitter 868MHz

	Part No.	Ord.No.
O	SENSOR 30.3143.IT	62778
O	SENSOR 30.3144.IT	71805

Transmitters (continued)

30.3145 Sensor
Additional transmitter with display suitable for:
Red Lava (Ord.No.57909)
Sculpture (Ord.No.64245)

30.3147.IT Sensor
Additional transmitter suitable for:
Focus (Ord.No.63269)
Weather Pam (Ord.No.64252)
Oracle Base (Ord.No. 70444)

	Part No.	Ord.No.	Description
S	30.3145 SENSOR	64557	433MHz
O	30.3147.IT SENSOR	71806	868MHz

30.3150 Sensor
Additional transmitter with display suitable for:
Nexus (Ord.No.63067)

30.3162 Sensor
Additional transmitter with display suitable for:
Image (Ord.No.70683)

	Part No.	Ord.No.	Description
O	30.3150 SENSOR	64719	433MHz
O	30.3162 SENSOR	71808	433MHz

Thermo/Hygrometers

Vision
TFA

This digital window thermometer is both practical and stylish
- large LCD
- outdoor temperature in degrees Celsius,
- temperature range -25°C and +70°C. You can also see the
- full range of temperature readings - which auto-reset every day - with the minimum and maximum read outs.

This unit simply sticks to the outside of a window with a special adhesive section, and is completely weather resistant.
- dimensions: 105 x 97 x 23 mm,
- weight:110 g
- battery 1,5V AAA included

	Part No.	Ord.No.
S	VISION	55846

Big Digit TV
TFA

- digital thermo-hygrometer,
- with max-min-function,
- large display,
- measuring range temperature: -10...+60°C (-14...+140°F),
- humidity 10...99%,
- reversible °C/°F,
- for hanging or standing,
- battery 1,5 V AA enclosed
- dimensions: 110 x 95 x 20 mm, 171 g

	Part No.	Ord.No.
S	BIG DIGIT TV	779

Big Digit TT
TFA

- digital maxima-minima-thermometer with large display,
- for indoor temperature: (-10..+60°C,+14..+140°F) and outdoor temperature: (-50...+70°C, -58...+158°F),
- reversible °C/°F,
- cable of about 3 m,
- for hanging or standing,
- battery 1,5 V AA enclosed
- 110 x 95 x 20 mm, 180 g

	Part No.	Ord.No.
S	BIG DIGIT TT	757

Tiny T
TFA

- digital thermometer
- -10...+60 °C,
- with support,
- white,
- battery 1,5V LR44 button cell enclosed
- 52 x 39 x 15 mm, 50 g

	Part No.	Ord.No.
S	TINY T	763

Tiny TV
TFA

- digital thermo-hygrometer
- with max.-min.-function,
- measuring range temperature: -10...+60°C, humidity 10...99%,
- with table stand,
- battery LR 44 button cell enclosed
- 52 x 39 x 15 mm, 30 g

	Part No.	Ord.No.
S	TINY TV	780

Tiny TT
TFA

- digital thermometer
- for indoor (-10...+60°C) and outdoor temperature (-50...+70°C),
- cable of about 2,5 m,
- with support,
- battery 1,5 V LR44 button cell enclosed,
- 52 x 39 x 15 mm, 50 g

	Part No.	Ord.No.
S	TINY TT	764
S	TINY TT Black	75094

Mini Digit TT
TFA

- digital maxima-minima-thermometer
- for indoor temperature (-10...+60°C) and outdoor temperature (-50...+70°C),
- reversible °C/°F,
- cable of about 3 m,
- for hanging or standing,
- battery 1,5 V AAA enclosed
- 85 x 60 x 15 mm, 105 g

	Part No.	Ord.No.
S	MINI DIGIT TT	758

S - in-stock product O - on order product. Prices are quoted in EUR excluding VAT and transport costs.

Label Makers

Dymo Letra Tag

Features & Benefits

- wide range of symbols
- 2-line printing
- 6 character LCD display for easy editing and preview
- ABC keyboard
- direct-thermal print technology saves you money - no ribbons, ink or toner cartridges needed
- uses 6 AA batteries (not included)
- dimensions: 210x97x65mm

	Part No.	Ord.No.
S	DYMO LETRA TAG	8290

Letra 59xxx

Spare tapes for DYMO LETRA TAG. Paper or plastic material, variety of colors, 12mm x 4m.

	Part No.	Ord.No.
S	LETRA 59421 PAP white	8289
S	LETRA 59422 PVC white	8288
S	LETRA 59423 PVC yellow	8287
S	LETRA 59425 PVC green	8123

Dymo Junior Labelmaker

- modernized labeller design.
- "Turn and click" is ergonomically designed for comfortable use by adults and children .
- text can be centred on the label by the use of the start/stop marks
- "Two thumb" cutting operation makes cutting easy for children and seniors.
- front exit tape "shows as it goes."
- ABS construction is ultra-durable for extra long life.
- easy to load tape cassette.
- incorporated tab-cutting for easy removal of the protective tape-backing
- includes easy to follow instructions.
- no batteries required.
- dimensions: 80x80x150mm

	Part No.	Ord.No.
S	DYMO Junior	71491

Dymo Junior/Omega tape

DYMO Junior and DYMO Omega embossing tapes. Variety of colors, 9mm x 3m.

	Part No.	Ord.No.	Description
S	Embossing Tape Red	71493	9mm x 3m, red
O	Embossing Tape Orange	71494	9mm x 3m, orange
S	Embossing Tape Green	71495	9mm x 3m, green
S	Embossing Tape Blue	71496	9mm x 3m, blue
O	Embossing Tape Yellow	71497	9mm x 3m, yellow
S	Embossing Tape Black	71498	9mm x 3m, black
S	Embossing Tape Black	72684	9mm x 2m, black

Dymo Omega Labelmaker

- intuitive "turn and click" labeling system
- ergonomic "soft touch" handle with rubber grip
- set of 49 different characters
- 9mm wide tape, available in 6 colours
- sharp, white tab-cut characters printed 3,7 mm high
- € and @ signs on the selector wheel
- no batteries required
- pre-loaded with 9mm wide DYMO embossing tape
- text can be centred on the label by the use of the start/stop marks
- easy cassette-loading
- dimensions: 120x140x85mm

	Part No.	Ord.No.
S	DYMO Omega	71492

Dymo Label Writer 400

- 300 dpi for super quality labels
- makes labels up to 60 mm wide
- 40 labels per minute print speed
- Label Release feature for simplified loading and unloading of labels
- USB connection
- PC and Mac compatible
- Prints Code 39, Code 128, Codabar, UPC A/E, EAN 8/13, EAN 128, ITF-14 and Interleaved 2 of 5 bar codes.

	Part No.	Ord.No.
O	DYMO Label Writer 400	71499

Dymo Label Writer 400 Address Labels

Labels size: 89x28mm
Quantity: 2x130pcs

	Part No.	Ord.No.
O	DYMO Address Labels 1	71500

MARKERPEN CRC

Marker Pens for multi surface use. Excellent coverage thanks to the use of correction fluid technology. Can be used on: wood, metal, rubber, glass, textile, paper, enamel, plastic, cardboard, tiles, ... Easy and clean application. Applications : For all markings in the industry.

	Part No.	Colour	Ord.No.
S	MARKERPEN CRC WH	white	73952
S	MARKERPEN CRC RD	red	73950
S	MARKERPEN CRC BK	black	73956
S	MARKERPEN CRC BU	blue	73951
S	MARKERPEN CRC OG	orange	73957
S	MARKERPEN CRC SILVER	silver	73954
S	MARKERPEN CRC GN	green	73948
S	MARKERPEN CRC GOLD	gold	73955
S	MARKERPEN CRC YE	yellow	73953

Audio-video devices

Wireless TV sender WS66034

- transmit TV, VCR, DVD etc, to any room in your house
- receiver can be viewed on a TV (AV), DVR (AV) or PC (USB)
- ideal for use with Freeview, Satellite boxes, DVD players and CCTV
- stable 2.4GHz signal operates through walls, floors and ceilings
- 4-channel to reduce interference
- the paired kit includes a transmitter that can plug into any AV source (DVD, Freeview, Satellite, CCTV etc) and relay the signal wirelessly to the receiver

Technical parameters	Transmitter	Receiver
Transmission frequency	2.4GHz - 2.4835GHz	2.4GHz - 2.4835GHz
Number of channels	4	4
Channel size	20MHz	
Transmission output	10mW	
Modulation	FM	
Current consumption	150mA	200 mA
Video IP / (O/P)	1Vp-p @75 ohm	1Vp-p @75 ohm
Audio IP / (O/P)	1Vp-p @600 ohm	1Vp-p @600 ohm

	Part No.	Ord.No.
S	Wireless TV Sender WS66034	67938

Lamps and Lights

HL02-1

- LED Headlamp (HL02-1)
- ABS housing and Nylon elastic stra
- 7pcs 5mm ultra bright white LED
- Four phase pushing IC switch: 1LED ON--3 LED ON--7 LED ON--OFF
- 3xAAA batteries required (included in delivery)
- burning time: 100hours(1LED)/40 hours(3LED)/20 hours(7LED)
- weather proof
- dimensions: 4,5 x 7cm

	Part No.	Ord.No.
S	HL02-1	53889

FL400

Flashlight akku (NiMH) with power adapter.

- power supply: 6x Ni-Mh rechargable battery AAA 600mAh
- 26 LED
- LED burning time: 80 000 hrs
- charger: input 240VAC 50Hz / output 12VDC 300mA
- charging time: 3-4 hrs

	Part No.	Ord.No.
S	FL400	63117

FL501

- 1 watt LED hand lamp
- 1 SMD LED LUXEON 1W
- new LED technológy, 10x more clearly than standard LED
- LED burning time: 100 000 hrs
- water proof
- 3x1,5V AAA batteries DURACELL (included in delivery)
- attractive colour
- robust metallic housing

	Part No.	Ord.No.
S	FL501	56424

HS03

- dynamo flashlight
- 2 x white LED
- no battery or bulb needed

dynamo

	Part No.	Ord.No.
S	HS03	59619

Lumatic Shake 170

- hand lamp without batteries
- ideal for emergency situations, in car, for camping and outdoor activities
- only 30sec of shaking will ensure 5mins of lighting
- On/Off button, handle for hanging
- capacitor with high capacity value
- super bright white LED
- maintenance-free service
- water proof housing, swimms on top of water table,
- diameter: 22mm, length: 170mm.

	Part No.	Ord.No.
S	LUMATIC SHAKE 170	53865

CH 42044 LED Lamp with Magnetic Contacts

- ideal for wardrobe lighting
- 2 x 1,5V AAA (not included in delivery)
- self sealing tape mounting
- lamp flashes up (1xLED) by separating contacts - switch is in "ON" position
- white colour
- dimensions: 55x40x15mm

	Part No.	Ord.No.
S	LED LAMP 42044	67910

CH42046 LED Lamp with Magnetic Contact

- ideal for wardrobe lightning
- 3 x 1,5V AAA (not included in a delivery)
- self sealing tape mounting
- lamp flashes up (3xLED) by separating contacts - switch is in "ON" position
- silver colour
- dimensions: 70x20mm

	Part No.	Ord.No.
S	LED LAMP 42046	67912

CH42025 LED Lamp with Acoustic and PIR Activation

- 3 functions:
-SOUND – at dusk (nightfall sensor) LED lamp responds to a sound and flashes up for 30s to 2mins.
-ON – LED lamp is on.
-PHOTO – LED lamp flashes up at dusk (nightfall sensor) and go out at sunrise.
Power supply: 230Vac 50Hz
Dimensions: 110x65x30mm

	Part No.	Ord.No.
S	LED LAMP 42025	67914

CH42022 LED Lamp with motion sensor

- 3 functions:
-MOTION - at dusk (nightfall sensor) LED lamp responds to a movement (PIR sensor 110° 6m) and flashes up for cca.2mins.
-ON – LED lamp is on.
-PHOTO - LED LED lamp flashes up at dusk (nightfall sensor) and go out at sunrise.
Power supply: 230Vac 50Hz
Dimensions: 120x70x30mm

	Part No.	Ord.No.
S	LED LAMP 42022	67915

S - in-stock product O - on order product. Prices are quoted in EUR excluding VAT and transport costs.

Euro Products

DL-06

- scan coin lamp
- checks authenticity of paper currency, cheques and credit cards
- ON/OFF button
- UV radiation
- no transformer or starter needed
- electronic start

Power supply: 230Vac 50Hz
Output power: 4W

	Part No.	Ord.No.
S	DL-06	53114

EURO Cash 1

- euro coin holder for all euro change
- hihg-quality product

Technical parameters:
Coins: 80x 1 ct, 80x 2 ct, 80x 5 ct, 70x 10 ct, 65x 20 ct, 30x 50 ct, 60x 1 EUR, 65x 2 EUR
Dimensions: 235x176x30 mm
Weight: 300g

	Part No.	Ord.No.
S	Euro Cash 1	67276

EURO Cash 2

- EURO cash made from hihg-quality steel sheet
- euro coin holder on the top
- paper currency holder at the bottom
- cylindrical lock , 2 keys
- hihg-quality product

Technical parameters:
Dimensions: 300x90x235 mm
Weight: 2,1 kg

	Part No.	Ord.No.
S	Euro Cash 2	67277

Eurocoin Sorter

- sorts 8 types of eurocoins from 1 Cent to 2 Euros

Power supply: 2 batteries "C" type (not included in delivery)
Dimensions: 265x140x245mm
Weight: 1,75kg

	Part No.	Ord.No.
S	Eurocoin sorter	67250

HS-7000T

- Ultrasonic cleaner
- provides precise cleaning of glasses, jewellery, watch and their parts, coins, dental plates etc.
- contains timer - 4/8/12 and 16 min. timing

Power supply: 230 VAC
Frequency: 42 kHz
Input power: 50W
Capacity: 0,5 l
Operating frequency: 42 kHz
Steel tank dimensions: 170x90x50 mm
External dimensions: 198x160x115 mm

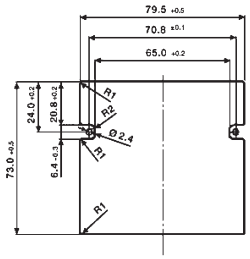
	Part No.	Ord.No.
S	HS-7000T	56281

Thermal Printers

ITP-70021-628-GCT-232.S

FUJITSU

General features: handshake function, power self test, paper detection, auto load function, form feed, line feed function, RS232 interface.
Applications: text, graphic or bar code printing.
Extremely easy panel mounting, after cutting out the hole printer needs to be catch up with two screw.



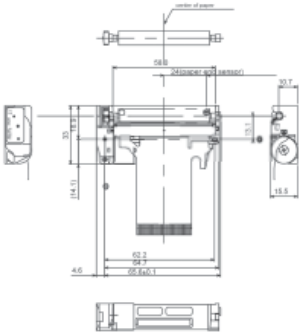
Technical parameters	ITP-70021-628-GCT-232.S
Print head power supply	4,2 - 8,5 VDC
Recommended voltage	7,2 VDC
Current consumption at 12,5% black	2A
Head drive control	5 VDC, consumption 100mA
Motor	4,2 - 8,5 VDC max. 1A current consumption
Power supply	5-8,5 VDC
Current consumption	120 mA
Operating temperature range	0°C to +50°C
Paper width	58 mm (paper roll diameter 30mm)
Effective print width	48mm
Dot density	8 dots/mm
Number of dots	384
Printing speed	60 mm/s
Dimensions	82,3x77,4x38,5mm

	Part No.	Ord.No.
S	ITP-70021-628-GCT-232.S	62218

FTP-628 MCL 101

FUJITSU

The easy loading FTP-628 MCL 101 Series is compact high speed, thermal printer, printing on 2-inch wide paper (58mm) where platens are removable. Original platen removal mechanism improved paper loading and maintenance.
The FTP-628 MCL series can be used for a variety of applications, such as portable terminals, POS, ticket issuing terminals, label printers, banking terminals, etc.

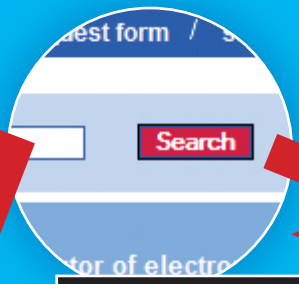


Technical parameters	ITP-70021-628-GCT-232.S
Print head power supply	4,2 - 8,5 VDC
Recommended voltage	7,2 VDC
Current consumption at 25% black	2A (maximum 6A at 100% black)
Head drive control	5 VDC, 100mA consumption
Motor	4,2 - 8,5 VDC max. 1A current consumption
Operating temperature range	0°C to +50°C
Paper width	58 mm
Effective print width	48mm
Dot density	8 dots/mm
Number of dots	384
Printing speed	60 mm/s
Dimensions	70,3x33,0x15,5mm

	Part No.	Ord.No.
O	FTP-628 MCL 101	61348

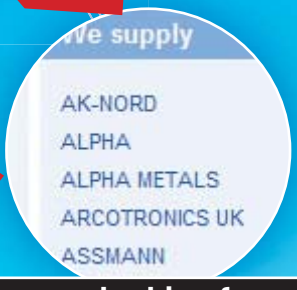
how to order

1 Select your local country.



2 Quick search by keyword or part numbers.

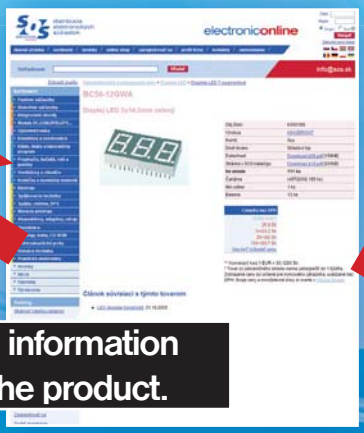
3 Find your product in the list of products.



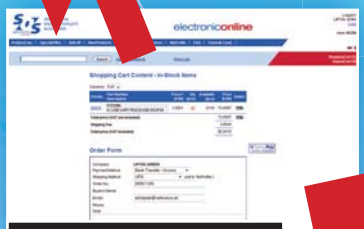
4 Are you looking for specific manufacturers? Look at the list of our suppliers.

Now it's our turn.

5 Basic product information, technical information and prices.



6 For more information click on the product.



7 Placing the order or price request.

phone:
+421 55 78 604 18

+ 49 (0) 8151 44 9711
+421 55 78 604 10-17
+420 543 427 111
+36 46 501 380
+48 42 648 4576
+40 311 020 475

internet:
www.soselectronic.com

e-mail:
sales@soselectronic.com
info@soselectronic.com

fax:
+421 55 78 604 45

technical support:
technik@soselectronic.com